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PATENT

Attorney Docket No.: 018072-000610US

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of:

Steven C. Quay

Division of Application  
No.: 09/587,116

Filed: June 2, 2000

For: PRODUCTION AND USE OF  
DERIVATIZED HOMOSERINE  
LACTONES

Examiner: Andrea Small

Art Unit: 1626

INFORMATION DISCLOSURE  
STATEMENT UNDER 37 CFR §1.97 and  
§1.98

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**MAIL STOP PATENT APPLICATION**

Commissioner for Patents  
P.O. Box 1450  
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Sir:

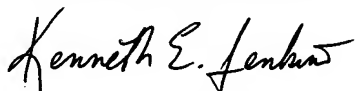
The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/587,116, filed June 2, 2000 (Attorney Docket No. 018072-000600US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

  
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Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	Division of 09/587,116
				Filing Date	June 2, 2000
				First Named Inventor	Quay, Steven C.
				Art Unit	1626
				Examiner Name	Andrea Small
Sheet	3	of	3	Attorney Docket Number	018072-000610US

U.S. PATENT DOCUMENTS+						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	AA	US-5,505,945 A	04/09/1996	Gristina, <i>et al.</i>		
	AB	US 5,530,102 A	06/25/1996	Gristina, <i>et al.</i>		
	AC	US 5,591,872 A	01/07/1997	Pearson, <i>et al.</i>		
	AD	US 5,593,827	01/14/1997	Bycroft, <i>et al.</i>		
	AE	US-5,759,798 A	06/02/1998	Dunlap		
	AF	US 5,821,077	10/13/1998	Salmond, <i>et al.</i>		

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	AG	WO	92/18614	A1	10/29/1992	The University of Nottingham		<input type="checkbox"/>
	AH	WO	96/16079	A2	05/30/1996	Takeda Chemical Industries, LTD		<input type="checkbox"/>
	AI	WO	96/29392	A1	09/26/1996	Unisearch Limited		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AJ	Davies, <i>et al.</i> , "The involvement of cell-to-cell signals in the development of a bacterial biofilm," <i>SCIENCE</i> , 280:295-298 (4/10/98)	
	AK	DiMango, et al, "Diverse Pseudomonas aeruginosa Gene Products Stimulate Respiratory Epithelial Cells to Produce Interleukin-8," <i>J. Clin. Invest.</i> , (1995) 96(5): 2204-2210	
	AL	Fuqua, <i>et al.</i> , "Quorum sensing in bacteria: the LuxR-LuxI family of cell density-responsive transcriptional regulators," <i>J. Bacteriology</i> , 176(2):269-275 (1/1994)	
	AM	Gilboa-Garber, Nechama, "Towards Anti-Pseudomonas Aeruginosa Adhesion Therapy," <i>Adv. Exp. Med. Biol.</i> (1996) 408:39-50	
	AN	Schineller, <i>et al.</i> , "Analogues of the autoinducer of bioluminescence in <i>Vibrio fischeri</i> ," <i>Arch. Microbiol.</i> , 146(1):35-40 (1986)	
	AO	Telford et al, "The <i>Pseudomonas aeruginosa</i> Quorum-Sensing Signal Molecule N-(3-Oxododecanoyl)-L-Homoserine Lactone Has Immunomodulatory Activity," <i>Infection and Immunity</i> , (1998) 66(1):36-42	

Examiner Signature		Date Considered	
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